

**RECEIVED  
CENTRAL FAX CENTER****APR 12 2007****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>In re United States Patent Application of:</b>	)	<b>Docket No.:</b>	<b>4241-685</b>
	)		
<b>Applicants:</b>	)	<b>Conf. No.:</b>	<b>1430</b>
<b>XU, Xueping, et al.</b>	)		
<b>Application No.:</b>	)	<b>Art Unit:</b>	<b>1775</b>
<b>10/712,351</b>	)		
<b>Date Filed:</b>	)	<b>Examiner:</b>	<b>Timothy M. Speer</b>
<b>November 13, 2003</b>	)		
<b>Title:</b>	)	<b>Customer No.:</b>	
<b>LARGE AREA, UNIFORMLY</b>	)		
<b>LOW DISLOCATION</b>	)		
<b>DENSITY GAN SUBSTRATE</b>	)		
<b>AND PROCESS FOR</b>	)		
<b>MAKING THE SAME</b>	)		

**23448****FACSIMILE TRANSMISSION CERTIFICATE****ATTN: Examiner Timothy M. Speer****Fax No. (571) 273-8300**

I hereby certify that this document, along with any enclosures identified herein, is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date specified below, to United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

**32**

Number of Pages

  
Vincent K. Gustafson**April 12, 2007**

Date

**RESPONSE TO FEBRUARY 12, 2007 FINAL OFFICE ACTION; AND SUBMISSION  
OF DECLARATION OF DR. ROBERT P. VAUDO UNDER 37 CFR § 1.132;  
IN U.S. PATENT APPLICATION NO. 10/712,351**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

4241-685

Sir:

This responds to the February 12, 2007 Final Office Action in the above-identified patent application.

No amendments to the claims are made herewith; however, for the convenience of the examiner, the claims of the application are set out in **Section I (Statement of the Claims)** hereof.

Remarks concerning the substance of the February 12, 2007 Final Office Action are set out in **Section II (Remarks)** hereof.